

PARMETOL T 94**No Change Service!**

Version 02.02

Revision date 24.01.2007

Print Date 24.01.2007

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product information**

Trade name : PARMETOL T 94
 Producer/Supplier : Schülke & Mayr GmbH
 Robert-Koch-Str. 2
 22851 Norderstedt
 Germany
 Telephone: +4940521000
 Telefax: +494052100318
 mail@schuelke-mayr.com
 WWW.SCHUELKE-MAYR.COM

Contact person : SAI/AT +49 40 52100 528 or S&M UK +44 114 254 3500

Emergency telephone number : +49 (0)40 / 52 100 -0

Application : Preservative

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : (Preparation)
 Description : solution

Components	CAS-No.	EC-No.	Symbol	R-phrase(s)	Concentration
Tert-butyl hydroperoxide	75-91-2	200-915-7	O, F, C, N	R 7, R10, R20/21/22, R34, R43, R51/53	22 %
3-Iodo-2-propynyl butylcarbamate	55406-53-6	259-627-5	Xn, N	R20/22, R41, R50	0,8 - 1,2 %

For the full text of the R phrases mentioned in this Section, see Section 16.

3. HAZARDS IDENTIFICATION**Risk advice to man and the environment**

ICAO-Labels / Indication of danger:

C Corrosive
 O Oxidising
 R 7 May cause fire.
 R20 Harmful by inhalation.
 R34 Causes burns.
 R43 May cause sensitization by skin contact.
 R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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4. FIRST AID MEASURES

- General advice : Take off all contaminated clothing immediately.
Eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact : Wash off immediately with plenty of water.
Inhalation : If symptoms persist, call a physician.
Ingestion : Obtain medical attention.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : water, dry powder, foam, carbon dioxide (CO₂)
Extinguishing media which must not be used for safety reasons : No information available.
Specific risk from the substance or the product itself, its combustion products or evolved gases : Decomposition products, see chapter 10

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure adequate ventilation.
Environmental precautions : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE**Handling**

- Safe handling advice : Provide sufficient air exchange and/or exhaust in work rooms. Handle and open container with care.
Advice on protection against fire and explosion : The hot product gives off combustible vapours. Keep away from sources of ignition - No smoking.

Storage

- Requirements for storage areas and containers : Store in original container.
Further information : Keep away from direct sunlight. Do not keep the container sealed. Keep container in a well-ventilated place. Limited stability - see label on pack
Advice on common storage : Do not store together with reducing agents. Do not store together with other dangerous substances. Keep away from food and drink.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with workplace control parameters**

none

Personal protective equipment

- Hand protection : impervious gloves
Splash protection: disposable nitrile rubber gloves e.g. Dermatril (Layer thickness: 0,11 mm) made by KCL or gloves from other manufacturers offering the same protection.
Prolonged contact: Butyl rubber gloves e.g. Butoject (>480 Min., Layer thickness: 0,70 mm) made by KCL or gloves from other manufacturers offering the same protection.
- Eye protection : tightly fitting safety goggles
- Hygiene measures : Take off all contaminated clothing immediately.
- Protective measures : Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

- Form : liquid
- Colour : clear
- Odour : characteristic

Other data

- Flash point : 65 °C
Method: ISO 2719
- Vapour pressure : ca.230 hPa at 60 °C
- Density : ca.1,01 g/cm³ at 20 °C
- Water solubility : 30 g/l
at 20 °C
- pH : ca.6 - 8 at 2 g/l (20 °C)
- flow time : < 15 s at 20 °C
Method: DIN 53211

10. STABILITY AND REACTIVITY

- Thermal decomposition : > 80 °C
- Hazardous reactions : reaction with acids. Reaction with alkalis(caustic liquors).
Reaction with reducing agents and heavy metals.
- Hazardous decomposition products : iodine compounds

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11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50 rat > 2000 mg/kg
Method: OECD Test Guideline, 401
- Skin irritation : rabbit, No skin irritation
- Eye irritation : rabbit, Risk of serious damage to eyes.
Method: OECD Test Guideline, 405
Test substance: concentrate

12. ECOLOGICAL INFORMATION

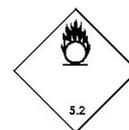
- Biodegradability : biodegradable
- Chemical Oxygen Demand (COD) : 17000 mg/l
Test substance: 1% solution
- AOX : Remarks: The product contains organic halogens.

13. DISPOSAL CONSIDERATIONS

- Product : Dispose of as special waste in compliance with local and national regulations. Can be disposed of as a solid waste or burned in a suitable installation subject to local regulations.
- Contaminated packaging : Empty containers should be transported/delivered using a registered waste carrier for local recycling or waste disposal.
- Waste key for the unused product(Group) : The waste producer itself must, in consultation with the appropriate authorities and a waste disposal company, obtain a waste code from the EWC (European Waste Catalogue),

14. TRANSPORT INFORMATION**ADR** : UN-No

3109



Class

5.2

Classification Code

P1

Packaging group

II

ADR/RID-Labels

5.2 + 8

ICAO-Labels

Description of the goods

ORGANIC PEROXIDE, TYPE F,
LIQUID (Tert-butyl hydroperoxide)

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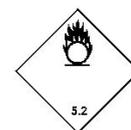
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IMDG : UN-No

3109



Class

5.2

EmS

F-J, S-R

Packaging group

II

Labels

5.2 + 8

Marine pollutant

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Description of the goods

ORGANIC PEROXIDE TYPE F,
LIQUID (TERT-BUTYL
HYDROPEROXIDE)**IATA** : UN-No

3109



Class

5.2

Packaging group

II

Description of the goods

Organic peroxide type F, liquid (Tert-
butyl hydroperoxide)**15. REGULATORY INFORMATION**

Hazardous components which must be listed on the label

- Tert-butyl hydroperoxide

Symbol :



C

Corrosive



O

Oxidising

R-phrase(s) : R 7
R20
R34
R43
R52/53

May cause fire.
Harmful by inhalation.
Causes burns.
May cause sensitization by skin contact.
Harmful to aquatic organisms, may cause
long-term adverse effects in the aquatic
environment.

S-phrase(s) : S 3/7
S14
S26
S36/37/39

Keep container tightly closed in a cool
place.
Keep away strong acids, alkalis, heavy
metals and reducing agents.
In case of contact with eyes, rinse
immediately with plenty of water and seek
medical advice.
Wear suitable protective clothing, gloves
and eye/face protection.

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National legislation

VOC-Content : 79 %
Directive 1999/13 /EC on the limitation of emissions of volatile organic compounds
VOC-Content : none, Switzerland. VOC Ordinance, Annex II (Products)

16. OTHER INFORMATION

Application : Information on uses can be found in a separate preparation / product brochure.

Text of R phrases mentioned in Section 2

R 7 May cause fire.
R10 Flammable.
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R20/22 Harmful by inhalation and if swallowed.
R34 Causes burns.
R41 Risk of serious damage to eyes.
R43 May cause sensitization by skin contact.
R50 Very toxic to aquatic organisms.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information given is only of use for possible safety requirements and is based on our actual knowledge. This information does not guarantee any properties. It is the responsibility of the receiver / user of our products to follow existing laws and regulations.

|| Changes compared with the previous edition!!!